| Index of Claims     |  |           |   |       |        |           |              |        |           |                             |       | Application/Control No. |                 |           |              |           |          |           |          |               | Applicant(s)/Patent under Reexamination |          |          |                       |                |            |              |                     |                     |           |           |                     |          |           |           |   |   |  |
|---------------------|--|-----------|---|-------|--------|-----------|--------------|--------|-----------|-----------------------------|-------|-------------------------|-----------------|-----------|--------------|-----------|----------|-----------|----------|---------------|---|----------|----------|-----------------------|----------------|------------|--------------|---------------------|---------------------|-----------|-----------|---------------------|----------|-----------|-----------|---|---|--|
|                     |  |           |   |       |        |           |              |        |           |                             |       |                         | 10/788,784      |           |              |           |          |           |          |               |   |          |          | RALBOVSKY, JOURNEY M. |                |            |              |                     |                     |           |           |                     |          |           |           |   |   |  |
|                     |  | Ш         |   |       |        |           |              | Ш      |           | III                         |       |                         |                 |           |              | ſ         | E        | Œ         | ılnı     | 97            |   |          |          |                       |                |            |              | Art Unit            |                     |           |           |                     |          |           |           |   |   |  |
| 1411                | । ततिवास ११० वस्तरमा वन्न वस्ता । वन्न वस्ता । |           |   |       |        |           |              |        |           |                             |       |                         | Shih-yung Hsieh |           |              |           |          |           |          |               |   |          | 2837     |                       |                |            |              |                     |                     | L         |           |                     |          |           |           |   |   |  |
|                     | √ Rejected —                                   |           |   |       |        |           |              |        | _         | (Through numer<br>Cancelled |       |                         |                 |           |              | 11)       | ٦        | [         | N        | Non-Elected   |   |          |          |                       | A              | A Appeal   |              |                     |                     | 7         |           |                     |          |           |           |   |   |  |
|                     | = Allowed                                      |           |   |       |        |           | ŀ            | +      |           |                             |       |                         |                 |           | _            | _         | 1        | ľ         | ,        | interference  |   |          |          |                       | 0              | Objected   |              |                     |                     |           |           | •                   |          |           |           |   |   |  |
| ( <del> ; · ·</del> | <u> </u>                                       |           |   |       |        |           |              |        |           |                             |       | liii Clar               |                 |           |              |           |          |           | Date III |               |   |          |          | ~                     | Claim          |            |              | Date                |                     |           |           |                     |          | 7         |           |   |   |  |
| Claim               | ŀ  | CUIZI I   |   |       |        | Т         | $\mathbf{T}$ |        |           | Cladm                       |       |                         |                 | Т         | ΠĬ           |           |          | Ť         | Т        |               |   |          |          |                       |                |            |              |                     |                     | Т         | T         | 7                   |          |           | i         |   |   |  |
| Finel<br>Original   |  | 6<br>6    | 7 |       |        |           |              |        |           |                             |       | Fine                    | {               |           |              | ۱         |          |           | Ì        |               |   |          |          |                       | Final          | Ortginal   |              |                     |                     |           |           |                     |          |           |           |   |   |  |
|                     | Ŧ  | E         | Ē | ŧ     | 土      | 1         | 1            | 1      | ユ         |                             |       | _                       |                 | 1         |              |           | コ        | コ         | コ        | 7             | #                                       | 1        | _        | ľ                     |                | 101        | П            | $\rightrightarrows$ | $\rightrightarrows$ | 7         | 7         | 7                   | 7        | 7         | $\exists$ |   |   |  |
| - 3                 |  | 9         |   | Ŧ     | +      | +         | +            | +      | +         | -                           |       | _                       |                 | 2         | $\dashv$     | 4         | 4        | 4         | +        | $\dashv$      | +                                       | +        | -        | ŀ                     |                | 102        | Н            |                     | _                   | +         | ╁         | +                   | +        | $\pm$     | $\exists$ |   | • |  |
| 1                   | Į  | 0         | 1 |       | 1      | #         | 1            | 1      | 士         | ╛                           |       |                         | 5               | 4         | ⇉            |           |          | コ         | コ        | 1             | コ                                       | #        |          | Ţ                     |                | 104        | 口            | $\Box$              | #                   | $\dashv$  | 7         | 7                   | #        | #         | コ         |   |   |  |
| 5                   | 7  |           |   | 4     | +      | +         | +            | 4      | +         | ┦                           |       | <u> </u>                |                 | 5<br>6    |              | ᅱ         | -        | -         | +        | +             | ┽                                       | +        | 4        | ŀ                     |                | 105<br>106 | Н            | $\dashv$            | ╅                   | $\dashv$  | +         | ╅                   | +        | ┽         | ┥         |   |   |  |
| . 2                 | ¥  | ž         | 1 | 1     | #      | I         | $\pm$        | 1      | $\pm$     | ╛                           |       |                         | T 5             | <b>i7</b> |              |           | ╛        | ⇉         | ⇉        | ⇉             | ゴ                                       | 士        | ╛        |                       |                | 107        |              |                     |                     | コ         | $\exists$ | #                   | 丁        | $\dashv$  | コ         |   |   |  |
| 8                   | Ţ  | Γ         | ŀ |       | Ţ      | Ŧ         | Ŧ            | 1      | $\dashv$  | $\exists$                   |       |                         |                 | 8<br>9    |              |           |          | 4         | 4        | 4             | 4                                       | +        | ╣        | ₽                     |                | 108        |              | Н                   | -                   | -         | +         | +                   | 4        | +         | 4         |   |   |  |
| 9                   | ╁  | ╁         | ť | 4     | ╁      | ╁         | +            | ╁      | +         | ᅱ                           |       |                         |                 | 20        | ٦            | ٦         | ᅥ        | $\exists$ | ┪        | 7             | 7                                       | +        |          |                       |                | 110        |              | Ħ                   | I                   | 1         | 1         | $\exists$           | 士        | ⇉         |           |   |   |  |
| 11                  | Ι  | İ         | İ | 1     | 工      | 1         | I            | 1      | 1         |                             |       |                         |                 | 1         |              |           |          |           | $\Box$   | $\Box$        | $\Box$                                  | $\Box$   |          |                       |                | 111        |              |                     | $\Box$              | $\Box$    | $\dashv$  | $\rightrightarrows$ | 4        | 4         | $\exists$ |   |   |  |
| 12                  |  | 1         | + | 4     | ╬      | +         | +            | 4      | +         | 4                           |       | <b> -</b>               |                 | 2<br>3    | ÷            | -         | -        | Н         | +        | +             | ┥                                       | +        | -        | ░                     |                | 112<br>113 |              | Н                   | ᅥ                   | +         | ┪         | ┥                   | +        | +         | ┥         |   |   |  |
| 14                  |  | ╁         | t | +     | ╁      | t         | $\dagger$    | +      | $\forall$ | ٦                           |       |                         |                 | <u>~</u>  | <del>.</del> |           |          |           | ⇉        | _             | 1                                       | 1        |          |                       | _              | 114        |              |                     |                     |           | 1         | コ                   | コ        | コ         | コ         |   |   |  |
| 15                  | Τ  | Ţ         | 1 | 1     | 1      | 7         | Ţ            | 4      | $\exists$ |                             |       |                         |                 | 55        |              |           |          |           | $\dashv$ | $\dashv$      | 4                                       | 4        | _        |                       |                | 115<br>116 |              | Н                   | $\dashv$            | 4         | 4         | 4                   | 4        | +         | ᅱ         |   |   |  |
| 16                  |  | ╀         | ╀ | +     | ┿      | ╁         | ┿            | -      | ┥         | _                           |       | ┝                       |                 | 6<br>7    | Н            | H         | Н        | Н         | +        | ┪             | ┪                                       | ┪        | ┨        |                       |                | 117        |              | Н                   | ┪                   | +         | +         | 7                   | +        | 7         | _         |   |   |  |
| 18                  |  | İ         | İ | 土     | 土      | 土         | 1            | ⇉      | コ         |                             |       |                         | T               | 38        |              |           |          |           |          |               | 耳                                       | 1        |          |                       |                | 118        |              | П                   | $\exists$           | J         | 4         | $\Box$              | $\dashv$ | $\exists$ | 4         |   |   |  |
| 19                  |  | Ŧ         | + | 4     | 4      | 4         | +            | 4      | 4         | _                           |       |                         |                 | S 6       | _            | Н         |          | Н         |          | $\dashv$      | $\dashv$                                | ┽        | 4        |                       |                | 119<br>120 |              | Н                   | $\dashv$            | ┥         | +         | ┥                   | $\dashv$ | +         | ㅓ         |   |   |  |
| 20                  |  | +         | + | +     | t      | +         | $\dagger$    | 7      | T         | _                           |       |                         | 17              | 71        |              | ľ         |          |           |          |               |   | 1        |          |                       |                | 121        | oxdot        |                     |                     | $\Box$    | $\Box$    | コ                   | コ        | $\Box$    | $\exists$ |   |   |  |
| 22                  |  | Ţ         | 1 | Ţ     | $\bot$ | Ţ         | Ţ            | $\Box$ | 4         | _                           |       |                         |                 | 2         |              |           |          | Ц         |          | Ц             | $\dashv$                                | 4        | 4        |                       |                | 122        |              | Н                   | -                   | 4         | 4         | -                   | +        | -         | -1        |   |   |  |
| 23                  |  | ╁         | ╁ | ╁     | ╁      | ╁         | +            | ┪      | ┪         | _                           |       |                         |                 | 73        | -            | Н         |          | Н         | $\dashv$ | $\dashv$      | H                                       | +        | -        |                       |                | 124        |              |                     |                     |           | 1         | ╛                   | 1        | 士         | _         |   |   |  |
| 25                  | Ι  | 土         | 1 | I     | 1      | 士         | 1            |        | コ         | _                           |       | $\sqsubseteq$           |                 | 75        |              | П         | Ш        |           |          |               | $\Box$                                  | $\Box$   | $\Box$   |                       |                | 125        |              |                     |                     | $\exists$ | 4         | $\exists$           | $\Box$   | $\dashv$  | $\exists$ |   |   |  |
| 26                  |  | ╀         | + | +     | 4      | +         | +            | 4      | ┥         |                             |       | <u> </u>                |                 | 76<br>77  | -            | -         | _        | Н         | Н        | Н             | Н                                       | +        | ┨        |                       | _              | 126<br>127 |              | Н                   | Н                   | $\dashv$  | ᅥ         | ┪                   | ┪        | ᅥ         | $\dashv$  |   |   |  |
| 28                  |  | $^{+}$    | t | $\pm$ | 士      | t         | 1            | 1      | _         | _                           |       |                         | 1               | 78        |              |           |          |           | d        |               |   |          |          |                       |                | 128        |              |                     |                     |           | ゴ         | ゴ                   | コ        | ゴ         | コ         |   |   |  |
| 29                  |  | T         | Ţ | 7     | T      | 1         | 1            | $\Box$ | 耳         | _                           |       |                         |                 | 79        |              | $\square$ | Ľ        | П         |          | Ц             |   | 4        | 4        |                       |                | 129<br>130 |              | Н                   | Н                   | $\dashv$  |           |                     | 4        |           | 4         |   |   |  |
| 30<br>31            |  | +         | + | ╁     | +      | +         | ┿            | 4      | $\dashv$  | _                           |       | $\vdash$                |                 | BO<br>B1  | Н            | $\vdash$  | ⊢        | Н         | Н        | Н             |   | _        | -        |                       | _              | 131        | $\Box$       | Н                   | $\vdash$            |           | _         | _                   | _        | ╛         | $\exists$ |   |   |  |
| 32                  |  | 1         | 1 | 士     | 1      | 士         | ユ            |        | コ         | _                           |       |                         | Ţ               | 32        |              |           |          | $\Box$    |          | 口             |   | コ        |          |                       |                | 132        | T            |                     | 口                   | 口         | $\Box$    | $\Box$              | $\Box$   | $\Box$    | $\Box$    |   |   |  |
| 33<br>34            |  | +         | 4 | 4     | 4      | 4         | 4            | _      | $\dashv$  |                             |       | <u> </u>                |                 | 83<br>84  | -            | -         | -        | $\vdash$  | Н        | Н             | Н                                       | 4        | 4        |                       | <del> </del> — | 133        |              | $\vdash$            | Н                   | Н         | -         | $\dashv$            | $\dashv$ | $\dashv$  | $\dashv$  |   |   |  |
| 35                  |  | †         | † | +     | 十      | $\dagger$ | 士            | H      |           |                             |       |                         |                 | B5        |              | 口         |          |           |          |               |   | ╛        |          |                       |                | 135        |              |                     |                     |           | ╛         | ╛                   | ╛        | 口         |           |   |   |  |
| 36                  |  | Ţ         | Ţ | 7     | 7      | 7         | 1            |        | $\Box$    | _                           |       |                         |                 | 86        | Ŀ            | F         | F        |           | Н        | Ц             | Ц                                       | 4        | 4        |                       | <u> </u>       | 136        |              | -                   | Н                   | Н         | Н         | Н                   | -1       |           | $\dashv$  |   |   |  |
| 37                  | _  | +         | + | ╁     | ╁      | +         | +            | 4      | H         | _                           |       | $\vdash$                |                 | 87<br>88  | -            | $\vdash$  | $\vdash$ | ╁╴        | H        | $\vdash$      | Н                                       | _        | $\dashv$ |                       |                | 138        | _            |                     | H                   |           |           |                     |          |           | $\exists$ |   |   |  |
| 39                  |  | 1         | # | 1     | 1      | #         | 1            |        | コ         | _                           |       |                         | $\mathbf{T}$    | 89        |              |           |          |           |          |               |   | $\Box$   | $\Box$   |                       |                | 139        | $\mathbf{I}$ | Г                   | П                   | П         | П         | Ц                   | Ц        |           | П         |   |   |  |
| 40                  | _  | +         | + | +     | +      | +         | +            | ÷      | Н         | _                           |       | ۱.                      |                 | 90<br>91  | H            | ⊢         | -        | $\vdash$  | Η.       | -             | Н                                       | -        | ᅱ        |                       | -              | 140        |              | ┢                   | H                   | H         | Н         | $\forall$           | Н        | Н         | Н         |   |   |  |
| 42                  | 1  | 士         | t | ナ     | 士      | 1         | 士            |        |           | _                           |       |                         | $\exists i$     | 92        |              |           |          |           |          |               |   |          | コ        |                       |                | 142        | 2            |                     |                     |           |           |                     |          |           |           |   |   |  |
| 43                  |  | Ŧ         | 7 | 4     | 7      | 4         | 4            | 4      |           |                             |       |                         |                 | 93<br>94  | L            | 1         | 1        | F         |          |               | H                                       | $\vdash$ | 4        |                       | <del> </del>   | 143        |              | ╀                   | Н                   | Н         | Н         | Н                   | Н        | Н         | Н         |   |   |  |
| 44                  |  | $\dagger$ | + | +     | $\pm$  | $\dagger$ | $\pm$        |        |           |                             |       |                         |                 | 95        | $\Box$       | L         | t        | 上         |          |               |   |          |          |                       |                | 145        |              | 上                   |                     |           | Ħ         |                     |          |           |           |   |   |  |
| 46                  | 1  | Į         | 1 | 1     | 1      | コ         | 1            |        |           | _                           |       |                         | Τ               | 98        | Ŀ            | Г         | L        | L         |          | Г             | $\Box$                                  |          |          |                       |                | 146        |              | F                   |                     | Н         | Щ         | Щ                   | Н        | Н         | Щ         |   |   |  |
| 48                  |  | +         | + | +     | +      | +         | +            | -      | Н         | _                           | ł     | -                       |                 | 97<br>98  | $\vdash$     | $\vdash$  | ╀        | ╀         | $\vdash$ | <del> -</del> | ┥                                       | Н        | $\dashv$ |                       | -              | 147        |              | +-                  | $\vdash$            | H         | Н         | Н                   | Н        | Н         | Н         | i |   |  |
| 49                  | ī  | 土         | # | コ     | 士      | #         | ユ            |        |           |                             |       | 匚                       | 1               | 99        |              | Γ         | I        |           |          |               |   |          |          |                       |                | 145        | 1            | I                   |                     |           | $\Box$    |                     | П        |           | П         |   |   |  |
| 50                  | 1  | 1         | 1 |       |        | لـ        | _            |        | Ш         | _                           | ]:::: | ـــا                    |                 | 100       | Ļ            | _         | 1_       |           | _        | _             |   | ш        | Ш        | J:::U                 | <b></b>        | 150        | "            | <u>.</u>            |                     |           |           |                     | ш        | لبا       | ш         | l |   |  |